PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT		NT		
NATURE OF CONVEYANCE:		The correct spelling is UDO	Corrective Assignment to correct the Inventor's name entered as UDO KLIEN. The correct spelling is UDO KLEIN. previously recorded on Reel 029260 Frame 0692. Assignor(s) hereby confirms the Assignment.	
CONVEYING PARTY	DATA	,		
		Name	Execution Date	
JOCHEN MAYERLE			09/21/2012	
UDO KLEIN			09/24/2012	
CLEMENS JACOB			09/29/2012	
SANU KOSHY			10/03/2012	
TIMO HOYER			10/18/2012	
STEFFEN TATZEL			09/21/2012	
State/Country: Postal Code: PROPERTY NUMBEF	GERMANY D-69190 RS Total: 1			
Property Type		Nu	mber	
Application Number:		13646606		
CORRESPONDENCE	DATA			
Fax Number:				
Fax Number:	be sent via US	Mail when the fax attempt is unsucce	essful.	
Fax Number: <i>Correspondence will L</i> Email:	mscarr	@mintz.com	essful.	
Fax Number: <i>Correspondence will I</i> Email: Correspondent Name	mscarr(: Michael	@mintz.com D. Van Loy	essful.	
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ATTORNEY DOCKET NUMBER:

34874-856F01US

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NAME OF SUBMITTER:	Michael D. Van Loy
Signature:	/mdvl/
Date:	06/03/2013
Total Attachments: 8 source=34874-856F01US_CorrectiveAssign source=34874-856F01US_CorrectiveAssign source=34874-856F01US_CorrectiveAssign source=34874-856F01US_CorrectiveAssign source=34874-856F01US_CorrectiveAssign source=34874-856F01US_CorrectiveAssign source=34874-856F01US_CorrectiveAssign source=34874-856F01US_CorrectiveAssign	h#page2.tif h#page3.tif h#page4.tif h#page5.tif h#page6.tif h#page7.tif

Form **PTO-1595** (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009) Attorney Docket No.: 34874-856F01US/2012P00227US U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

	RM COVER SHEET
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Jochen Mayerle, Udo Klien, Clemens Jacob,	Name: SAP AG
Sanu Koshy, Timo Hoyer, and Steffen Tatzel	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes 🗶 No 3. Nature of conveyance/Execution Date(s):	Street Address: Dietmar-Hopp-Allee 16
Execution Date(s) ^{9/21/12, 9/24/12,9/29/12,10/3/12,10/18/12,}	
Assignment Merger	City Walldorf
Security Agreement Change of Name	City: <u>Walldorf</u>
Joint Research Agreement	State:
Government Interest Assignment	Country: Germany Zip: 69190
Executive Order 9424, Confirmatory License	······································
Other	Additional name(s) & address(es) attached? 🗌 Yes 🗶 No
4. Application or patent number(s): ThisA. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
13/646,606	
Additional numbers at	ached? Yes XNo
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Michael D. VanLoy	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:	
	X Authorized to be charged to deposit account
Street Address: 3580 Carmel Mountain Road, Suite 300	
	None required (government interest not affecting title)
City: San Diego	8. Payment Information
State: <u>CA</u> Zip: <u>92130</u>	
Phone Number: (858) 314-1559	
Fax Number: (858) 314-1501	Deposit Account Number 50-0311
Email Address: mdvanloy@mintz.com	Authorized User Name Michael VanLoy
9. Signature:	Nevember 2, 2012
Signature	November 2, 2012 Date
Michael D. Van Loy, Reg. No. 52,315	Total number of pages including cover
Name of Person Signing	
Documents to be recorded (including cover shee Mail Stop Assignment Recordation Services, Director o	

APPLICATION NUMBER: 13646606FILING DATE: 10/05/2012PATENT NUMBER:ISSUE DATE:TITLE: AUGMENTED-REALITY SHOPPING USING A NETWORKED MOBILE DEVICE

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ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

Attorney Docket No.: 34874-856F01US/2012P00227US Customer Number: 64280

ASSIGNMENT

For valuable consideration, we JOCHEN MAYERLE, UDO KLEIN, CLEMENS JACOB, SANU KOSHY, TIMO HOYER and STEFFEN TATZEL each hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 16 D-69190, Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled,

AUGMENTED-REALITY SHOPPING USING A NETWORKED MOBILE DEVICE

which is found in

[X] U.S. patent application filed on October 5,2012

[X] Under Application No .<u>13/646,606</u>

[X] Under Attorney Docket No.: <u>34874-856F01US/2012P00227US</u>

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

We hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

PATENT REEL: 030537 FRAME: 0713

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Attorney Docket No.: 34874-856F01US/2012P00227US Customer Number: 64280

Inver	or's Signanure	
JOC Witn	HEN MATERILE ssed by:	
	Signature MARTINA MUELLER	
	Print Name	

<u>09/21/2012</u> Date

05/21/2012 Date

Inventor's Signature	YA
UDO KLEIN Witnessed by:	<u>ρ</u>
Signature	Jel
Print Name	<u>codes Mayarte</u>

Invento	or's Signature Umi		دد]	의 가지로 1973년 - 197 1973년 - 1971 - 유민 - 1971	
CLEN Witnes	IENS JACOR		20		
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<u>24.9.7012</u> Date 09/24/2012 Date

<u>29.09.2012</u> Date <u>UT | 29 | 2012</u> Date

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Inventor's Signature	
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SANU KOSHY Witnessed by:	Date
Mitch. vrtai	03-00-2012
Witnessed by: Signature Nitesh.v.Per	Date
Print Name	
Inventor's Signature	
mventor s signature	
TIMO HOYER Witnessed by:	Date
whitesate by	
Signature	Date
Print Name	
Inventor's Signature	
STEFFEN TATZEL	Date
Witnessed by:	
Signature	Date
Print Name	
- Luit Fuille	

Attomey Docket No.: 34874-856F01US/2012P00227US Customer Number: 64280

Inventor's Signature

ANU KOSHY itnessed by:	Date	
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TEFFEN TATZEL	Date	
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Attorney Docket No.: 34874-856F01US/2012P00227US Customer Number: 64280

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SANU KOSHY			Date
Witnessed by:			
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Signature		· · ·	Date
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Inventor's Signature			-
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TIMO HOYER		· .	Date
Witnessed by:			
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Signature	<u>.</u>		Date
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Print Name			
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Inventor's Signature	- 1		
Inventor's Signature	The		21.09.12
Skik 7.	the		21.09.12 Date
Inventor's Signature STEFFEN TATZEL Witnessed by:	The		
STEFFEN TATZEL Witnessed by:	n.e.	-	Date
STEFFEN TATZEL Witnessed by: Car aland			Date 21.3.12
STEFFEN TATZEL Witnessed by: Cor obus Signature			Date
STEFFEN TATZEL Witnessed by: Car aland			Date 21.3.12

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RECORDED: 06/03/2013